

Baseline Gas Injection molded Back panel Design

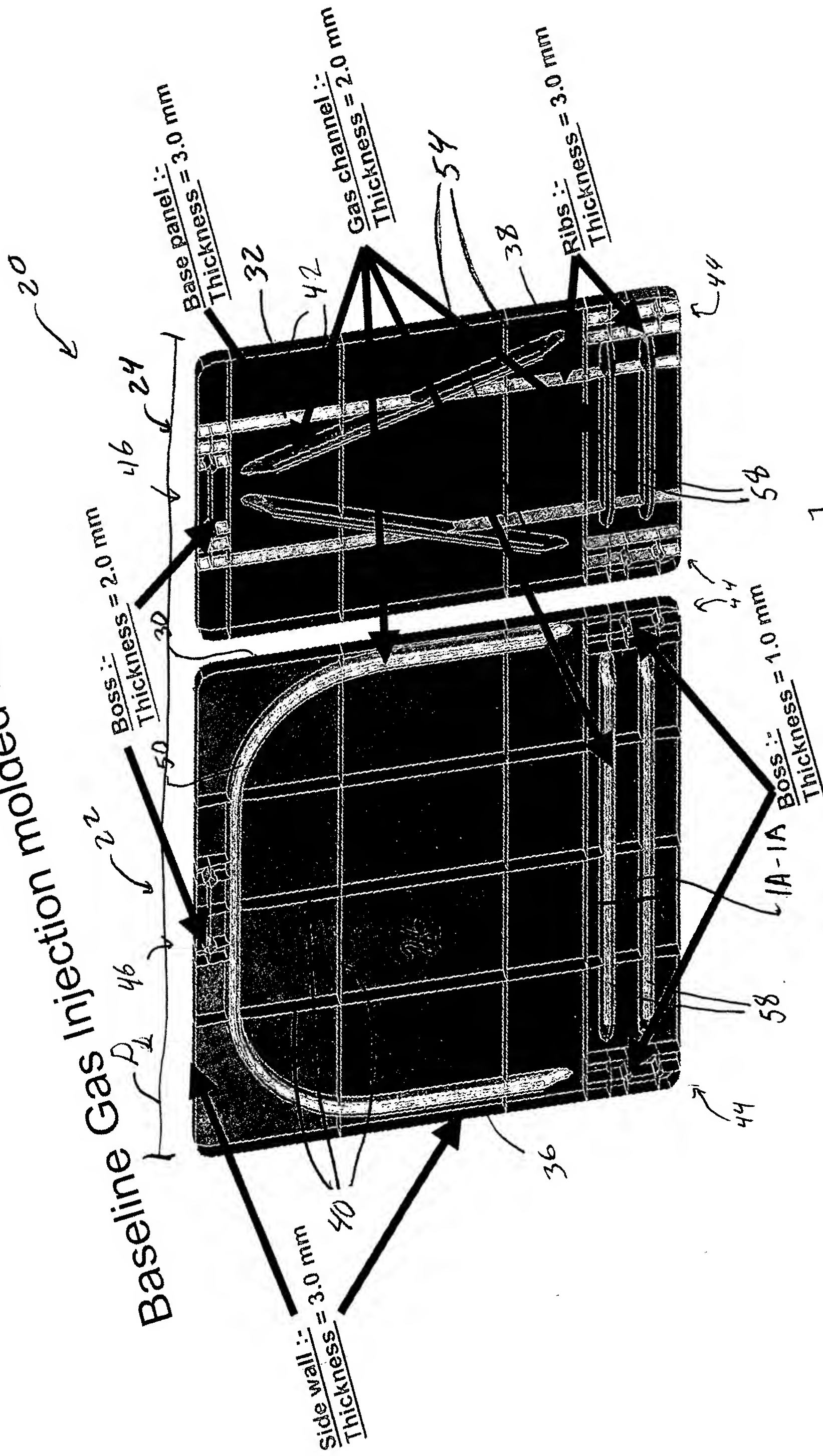


Fig. 1

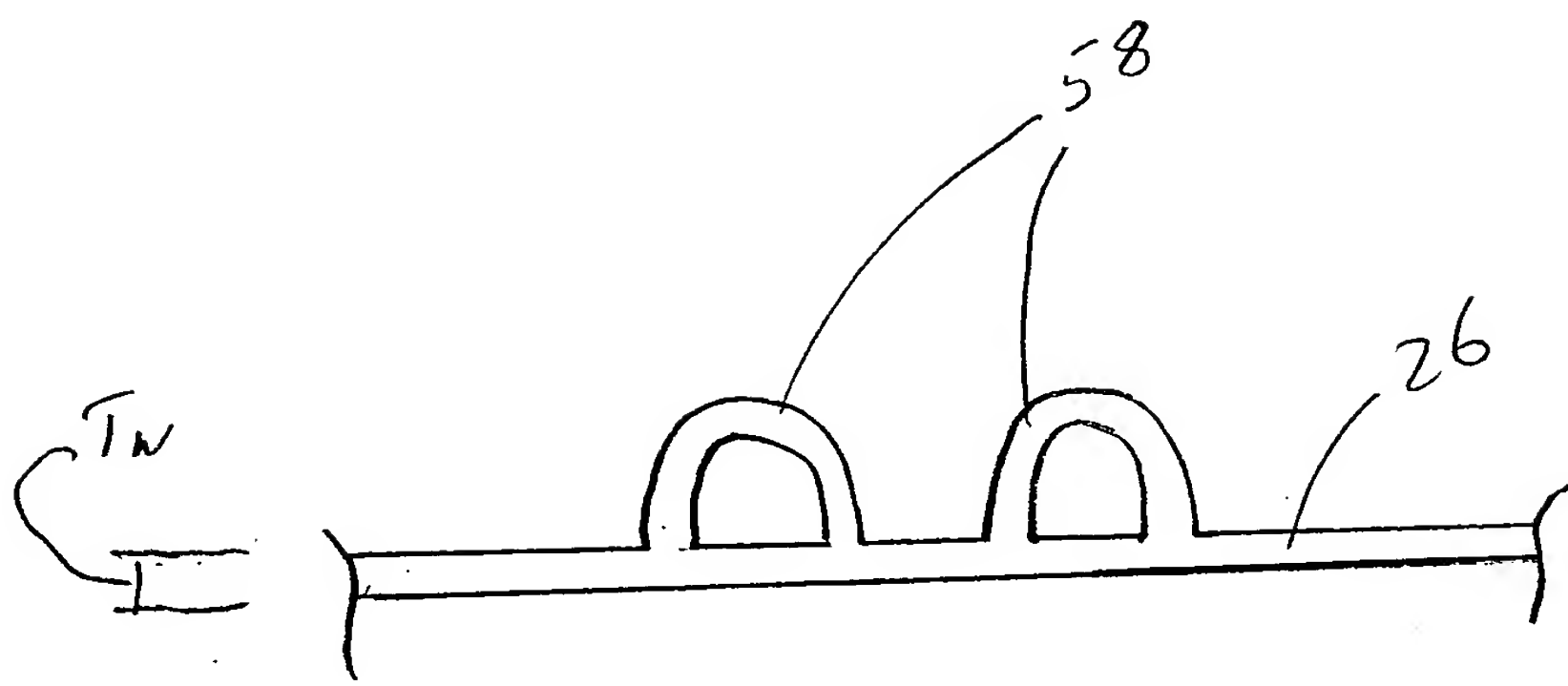
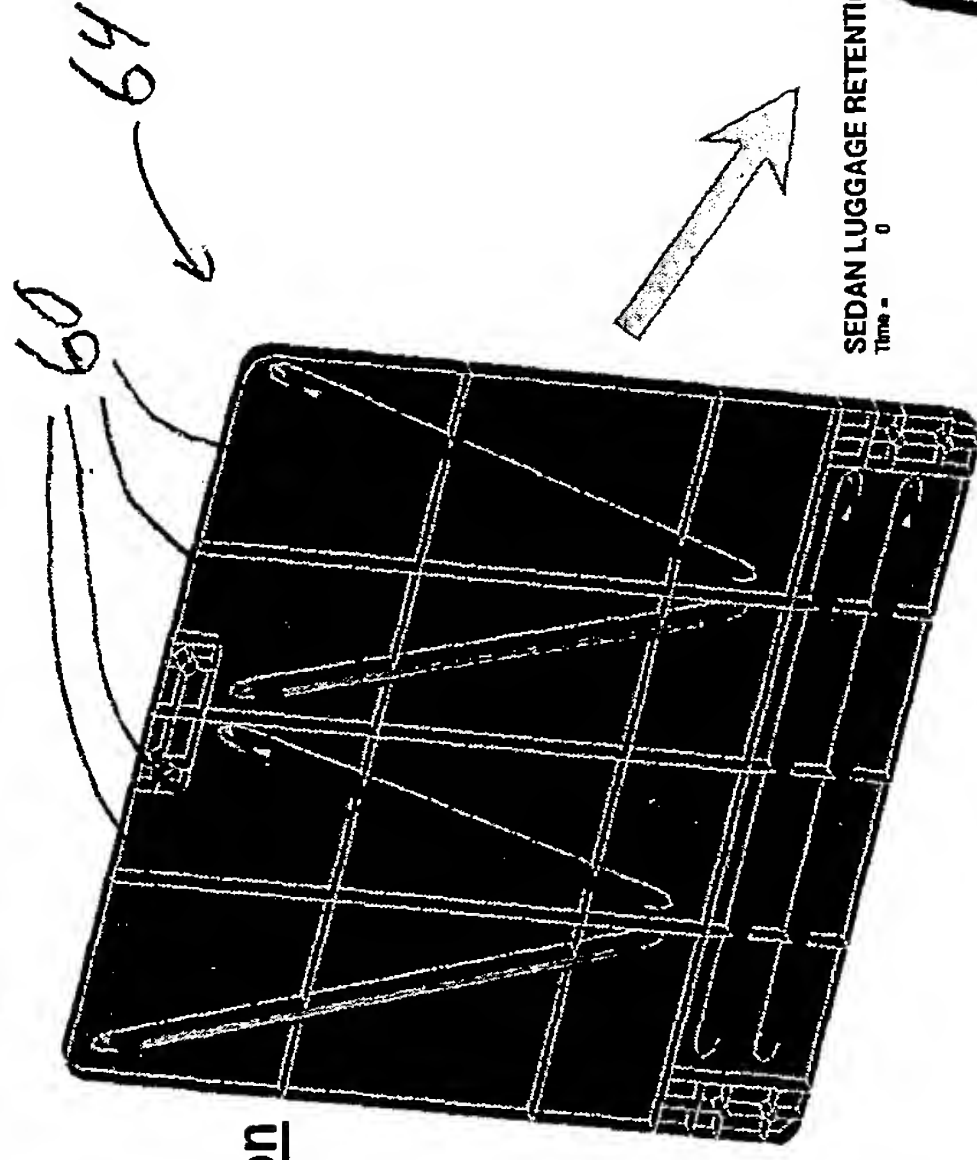


Fig. 1A

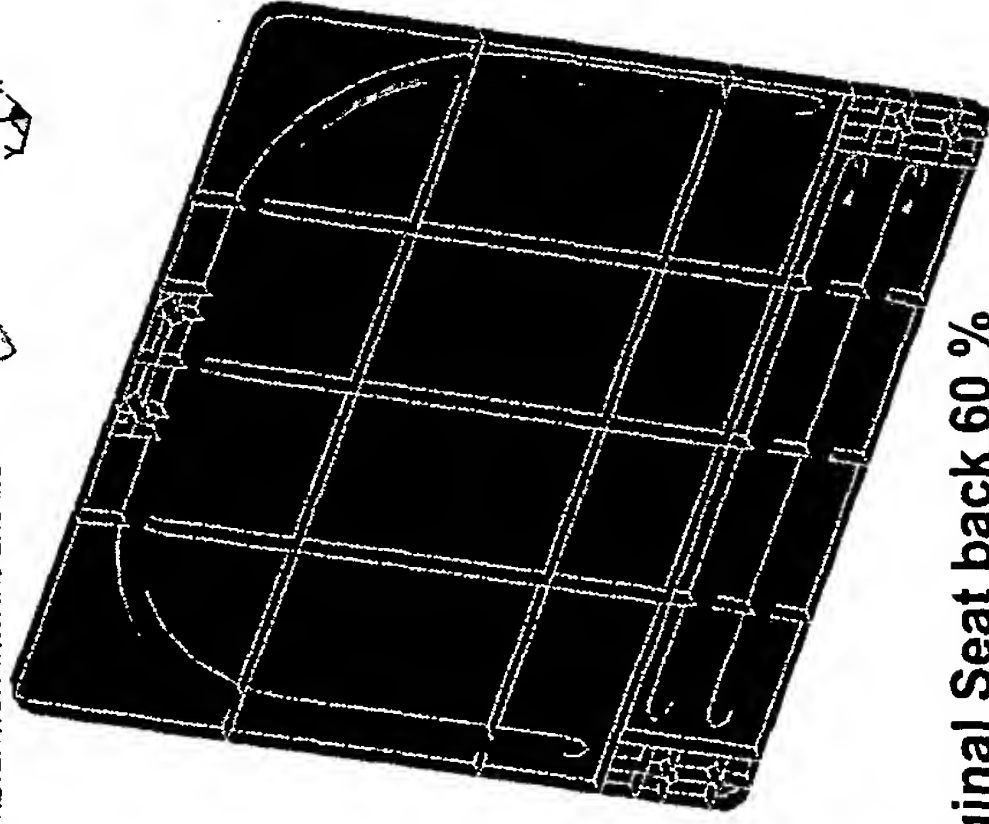
Gas Injection molded 60 % Seat back- Design iterations

SEDAN LUGGAGE RETENTION WITH W PATTERN
Time - 0



Seat back with W-shape
gas channel configuration

SEDAN LUGGAGE RETENTION WITH INJ GAS MO
Time - 0



Original Seat back 60 %

SEDAN LUGGAGE RETENTION WITH ADDED RIBS
Time - 0

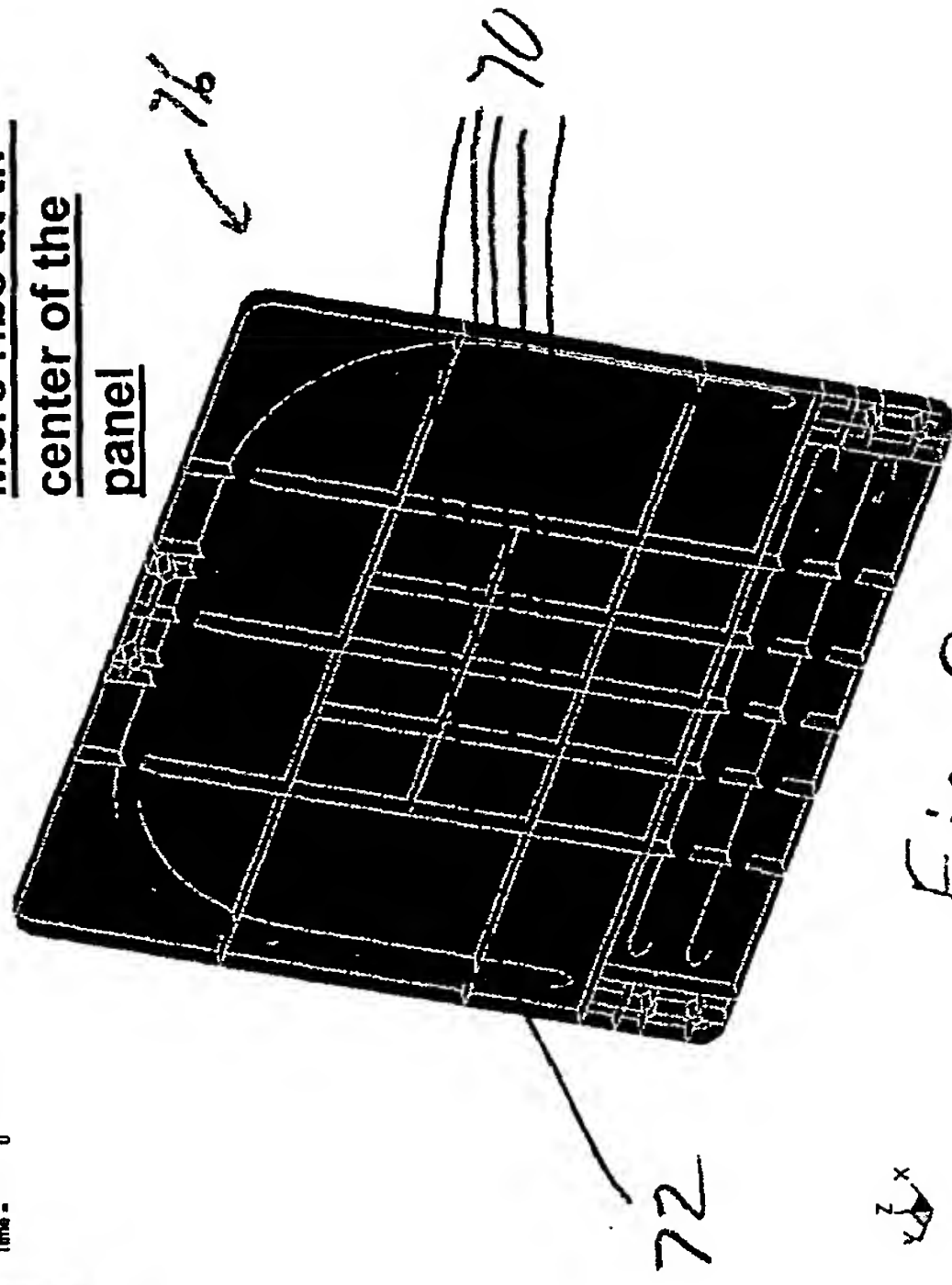


Fig. 3

Seat back with
More ribs at th
center of the
panel

Gas Injection molded Seat back- Connection of L-Brackets

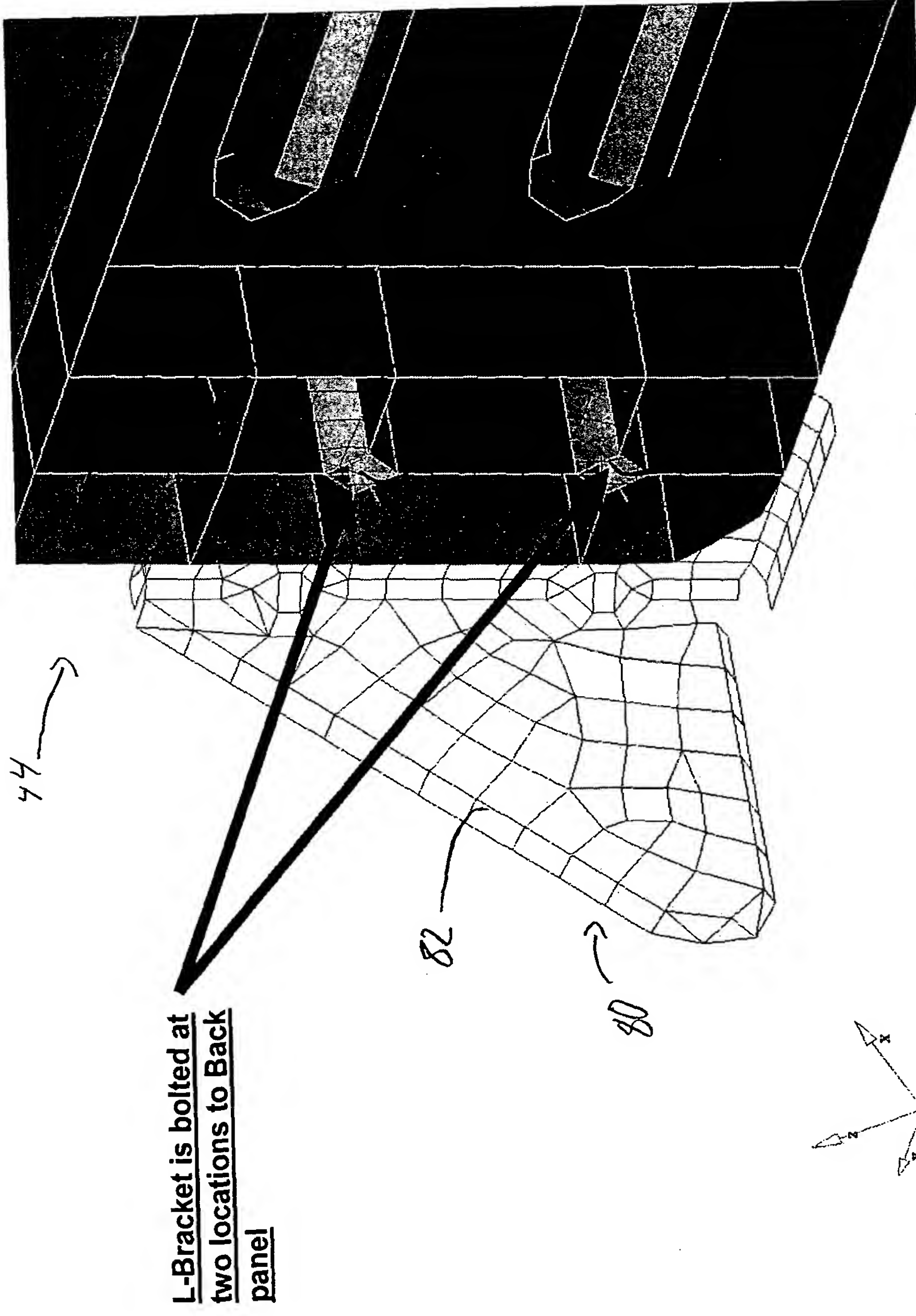


Fig. 4

**Model Set-up for Sedan Seat With 3 Tack Off's
Per Seatback (Blow Molded Seat Shown)**

2nd Generation Interface

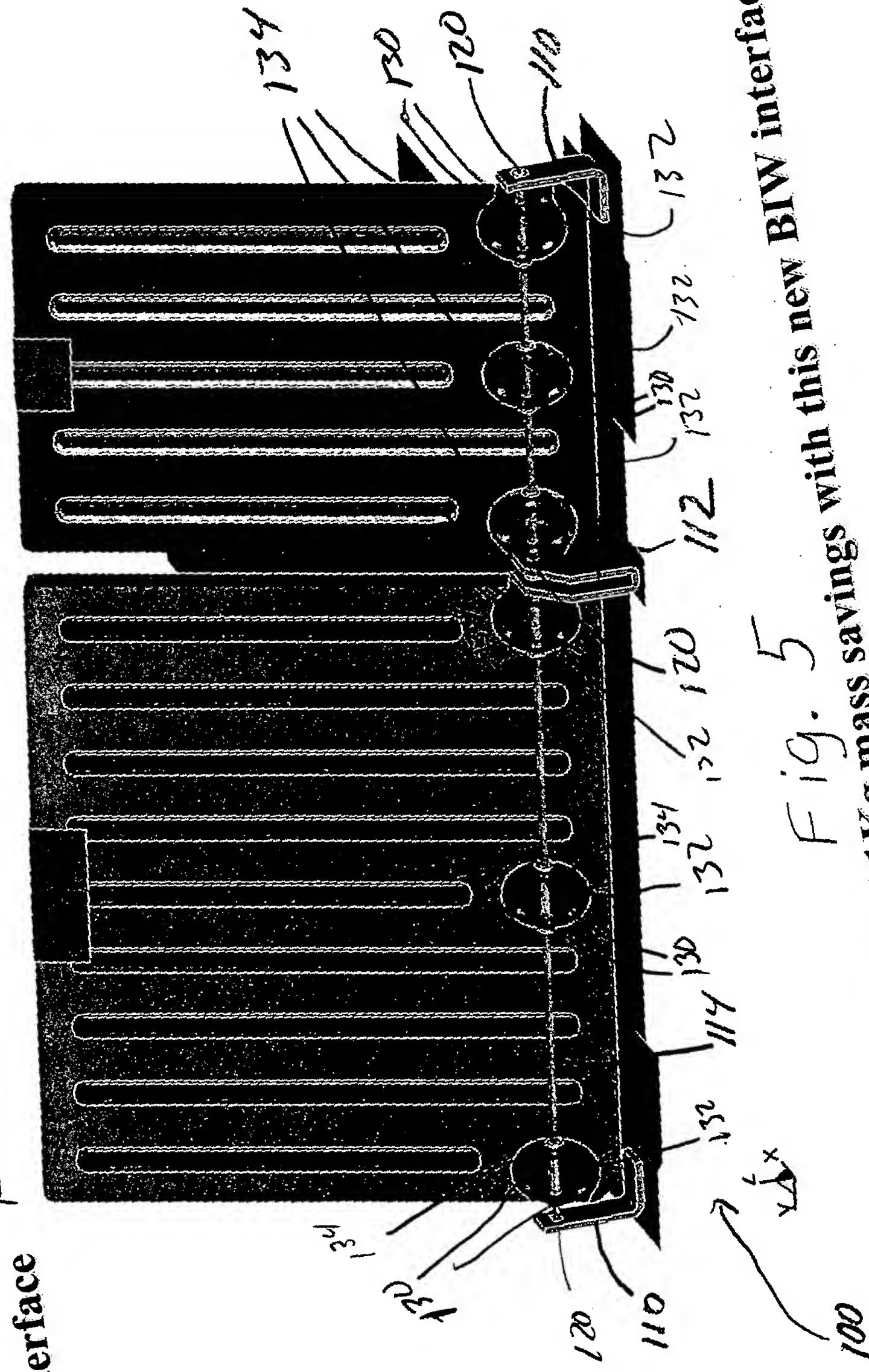


Fig. 5

Potential additional 1Kg mass savings with this new BIW interface